AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1 to 18. (Canceled).

19. (New) A device for measuring an angular movement in a vehicle steering system, comprising:

a shaft rotationally mounted in a frame;

a member positioned on the shaft, the member axially displaceable in a direction of the shaft and connected to the shaft by a geared connection that converts angular movement of the shaft into a longitudinal movement;

a longitudinal guide prestressed in a radial direction of the shaft, the member guided in an axial direction by the guide, a frame-side component of the guide resting against the member on first oblique surfaces that extend at an angle to each other and in the axial direction of the member, the member and the shaft meshing without backlash by second oblique surfaces of the geared connection, the first oblique surfaces between the frame-side component and the member and the second oblique surfaces of the geared connection having same inclination directions with respect to each other; and;

a detection device adapted to measure longitudinal movement of the member.

20. (New) The device according to claim 19, wherein the member includes a nut, the shaft includes a threaded spindle and the frame-side component includes a thrust piece that radially presses the nut onto the threaded spindle.

21. (New) The device according to claim 20, wherein the threaded spindle is arranged as a steering spindle.

22. (New) The device according to claim 19, wherein the member includes a threaded nut and the shaft includes a threaded part arranged on a steering nut that drives a recirculating ball screw of a gear rack.

23. (New) The device according to claim 19, wherein the frame-side component rests against the member at the first oblique surfaces.

24. (New) The device according to claim 19, wherein the first oblique surfaces are arranged as part of a groove on the member and extends radially toward the shaft.

25. (New) The device according to claim 19, wherein the first oblique surfaces and the second oblique surfaces include trapezoidal inclination directions.

26. (New) The device according to claim 19, wherein the member is arranged around the shaft in the shape of one of (a) a ring, (b) a cylinder and (c) a polygon, the geared connection including a screw thread between the shaft and the member.

27. (New) The device according to claim 26, wherein the screw thread is arranged as a trapezoidal thread having tip clearances.

28. (New) The device according to claim 24, wherein a main portion of a radial extension of the frame-side component projects into the groove.

29. (New) The device according to claim 19, wherein the frame-side component is prestressed in the radial direction toward the shaft to position the guide and the geared connection in a backlash-free manner.

30. (New) The device according to claim 19, wherein the detection device includes a transducer positioned on the member and a sensor in communication with the transducer and arranged on one of (a) the frame and (b) the frame-side component.

31. (New) The device according to claim 19, wherein the detection device includes a sensor arranged on the member and a transducer in communication with the sensor and arranged on one of (a) the frame and (b) the frame-side component.

32. (New) The device according to claim 30, wherein the sensor includes a magnetoresistive sensor and the transducer includes one of (a) a bar magnet and (b) an annular magnet.

33. (New) The device according to claim 31, wherein the sensor includes a magnetoresistive sensor and the transducer includes one of (a) a bar magnet and (b) an annular magnet.

34. (New) The device according to claim 30, wherein the transducer has a greater axial extension than a structurally predetermined measuring range of the longitudinal movement of the member.

35. (New) The device according to claim 31, wherein the transducer has a greater axial extension than a structurally predetermined measuring range of the longitudinal movement of the member.

36. (New) The device according to claim 30, wherein one of (a) several sensors and (b) several transducers are positioned at least one of (a) over a circumference and (b) in the longitudinal direction of the member.

37. (New) The device according to claim 31, wherein one of (a) several sensors and (b) several transducers are positioned at least one of (a) over a circumference and (b) in the longitudinal direction of the member.

38. (New) The device according to claim 19, wherein the member is arranged on a steering shaft, the detection device adapted to measure rotation of a steering handle.

39. (New) The device according to claim 19, wherein the member is arranged on a shaft arranged as a steering nut, the detection device adapted to measure a longitudinal movement of a gear rack.

40. (New) A vehicle steering system, comprising:

a device adapted to measure an angular movement in the vehicle steering system, the device including:

a shaft rotationally mounted in a frame;

a member positioned on the shaft, the member axially displaceable in a direction of the shaft and connected to the shaft by a geared connection that converts angular movement of the shaft into a longitudinal movement;

a longitudinal guide prestressed in a radial direction of the shaft, the member guided in an axial direction by the guide, a frame-side component of the guide resting against the member on first oblique surfaces that extend at an angle to each other and in the axial direction of the member, the member and the shaft meshing without backlash by second oblique surfaces of the geared connection, the first oblique surfaces between the frame-side component and the member and the second oblique surfaces of the geared connection having same inclination directions with respect to each other; and;

a detection device adapted to measure longitudinal movement of the member.